



VERMONT

Department of Public Safety

DIVISION OF FIRE SAFETY

firesafety.vermont.gov

Report of the STATE FIRE MARSHAL

2021



Over 100 Years

KEEPING PEOPLE SAFE WHERE THEY LIVE, WORK AND PLAY

Michael Schirling

Commissioner
Department of Public Safety



Michael Desrochers

Executive Director
Division of Fire Safety



Division of Fire Safety Mission

For over 100 years our mission remains to protect the public and fire service through coordinated efforts in Code Enforcement, Fire Service Training, Public Education, Hazardous Materials Response, Fire Investigation and Urban Search and Rescue.

These efforts maximize life safety and property conservation and minimize environmental impacts due to fire, natural disasters, and other emergencies in the State of Vermont.

Cautions on Interpretation

The main data source for this report is the National Fire Incident Reporting system (NFIRS). While Vermont fire departments are required by state law to report to the Division, NFIRS is a voluntary system, and it includes data from only incidents reported and entered in the system by fire departments that participate.

Additionally, not all fire departments that report to NFIRS provide complete data or report all incidents. In addition, fire departments that report in one year may not report the following year or report all the months in the year. Thus, NFIRS may not be a complete representative of all incidents that occur statewide in a year.

Table of Contents

	Page
Dedication	4
Commissioner's Message	6
Division Director's Message	7
The Impact of Fire in Vermont	8
Fire Deaths	10
VT Fire Facts	12
Firefighter Deaths and Injuries	14
Insurance Companies Dollar Loss from Fire	17
Division Highlighted Projects:	26
Overview of Division Activities Rules Codes and Standards Boards and Committees Fire and Building Safety Services Licensing and Certification State Fire Academy Public Education and Information Highlighted Projects Fire Incident Reporting and Data Management Fire & Explosion Investigation Unit State Hazardous Materials Response Team Division Special Operations State Urban Search and Rescue Team	18- 33
Rural Fire Protection Program	34
2021 Statewide Incident Data	35
Important Contact Information	43

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The Division thanks all the fire departments who participate in the NFIRS and others who provided information and data that make analysis possible. Their contributions allow us to estimate the size of the fire problem. We are also grateful to the US Fire Administration for its work in developing, coordinating, and maintaining the NFIRS.

Dedication

Paul Cerutti



We are very excited to dedicate this year's Annual Report of the State Fire Marshal to retired Assistant State Fire Marshal, Paul Cerutti. Paul started his distinguished career with the Division of Fire Safety on May 31, 1988 and retired on May 22, 2021 (33 years).

Those fortunate to have worked with Paul know he was compassionate about life, fire and building safety and believed strongly in protecting those at high risk. Paul was a master at resolving conflicts and always found viable solutions to very complex issues without jeopardizing safety. Paul was a technical code expert and was always providing management with accurate code analysis making Paul a valuable member of our team. Paul's willingness and ability to methodically evaluate risk was a trademark. Paul established excellent relationships with Architects, Engineers, Developers, Contractors, Builders, and Trade Professionals, while working seamlessly with the fire service, state and federal agencies and our division staff. Not only was Paul busy advocating for safety for the Division of Fire Safety, but Paul is also heavily active in the Woodbury Fast Squad and Fire Department where he currently holds the position of Fire Chief.

During Paul's tenure at Fire Safety, he actively participated on the Division's Fire investigation Unit and was one of the original members. Paul did an outstanding job conducting fire investigations and excelled at training opportunities and was a mentor to others. The Division was very fortunate to have Paul on our team for so many years. As a result of Paul's devotion, we can say with confidence that Paul has saved many lives over the years advocating for safety. "Job well done, Paul!"

IN MEMORY OF

All emergency responders who answered their final alarm in 2021
And all Vermonters lost to COVID-19.



We will never forget

in 2021, Vermont had no line of duty Firefighter deaths.

State of Vermont
Department of Public Safety

Commissioner's Message

Another year has passed as we mark two years on Covid-19 pandemic operations statewide. As we look with optimism to move past the pandemic once again, I observe that Vermont's ability to weather this extensive storm has been supported for more than two full years by each and every one of our first responders. The men and women who serve our communities in the fire service, emergency medical services, and law enforcement have helped to ensure that the fabric of our State has stayed strong. As I stated in 2020, your service, bravery, and dedication are emblematic of the best that Vermont has to offer.

The 2021 Annual Report of the State Fire Marshal provides important information and data unique to Vermont that will benefit all firefighters and their communities. We've done much in the last three years to support public safety operations statewide and modernize our approaches to community safety. Our toughest challenge remains recruiting the next generation of service-oriented staff and emergency responders as our state and the nation face unprecedented and accelerating workforce challenges. The Department stands with you to assist in delivering the best possible recruitment, retention, and training available.

Once again, I have the opportunity to extend a special thank you to the entire Division of Fire Safety for their unwavering support of and partnership with the fire service. I'm proud to work alongside them each day.

On behalf of Governor Phil Scott, thank you for your service to Vermont and her 251+ communities.

Michael Schirling
Commissioner, VT Department of Public Safety



Executive Director's Message

The Division of Fire Safety publishes the Report of the State Fire Marshal annually. The report is a statewide statistical analysis capturing fire and emergency incidents, fire prevention efforts, code enforcement, fire investigations, fire service training, urban search and rescue, and hazardous material response. Information contained in the report is designed to provide the fire service, municipalities, and others with valuable insight and perspective on the impact fire has on the State of Vermont and the nation.

The Data we collect may necessitate adjustments in our fire safety public education programs, code enforcement activities, building inspection prioritization, licensing, certification, fire service training, fire investigation and resource allocation. Identifying trends or emerging issues may necessitate changes in statute or rules to address safety concerns. The report provides a snapshot of the extensive work the division staff accomplish in partnership with the thousands of people we serve to make Vermont a safer place.

Last year the pandemic continued to challenge us, but we continued working with our partners to ensure we remained focused on the division's mission. Overall, our programs and course deliveries remained consistent while we maintained a safe and healthy work environment. We are optimistic we will move toward a new normal where we can once again enjoy the face-to-face interaction with so many of you.

This report contains critical data from 49,278 individual emergency incident reports submitted by local fire departments throughout Vermont using the National Fire Incident Reporting System (NFIRS). In 2021, 73.5% of the fire departments in Vermont participated in NFIRS reporting, Vermont fire departments respond to an average of 3,500 emergencies calls a month. The report provides a summary of fire loss, civilian fire injuries, fire fatalities, causes of fire, fire investigations, fire facts, fire service training programs, hazardous material response activities, public education, and an overview of the Division of Fire Safety's code enforcement program.

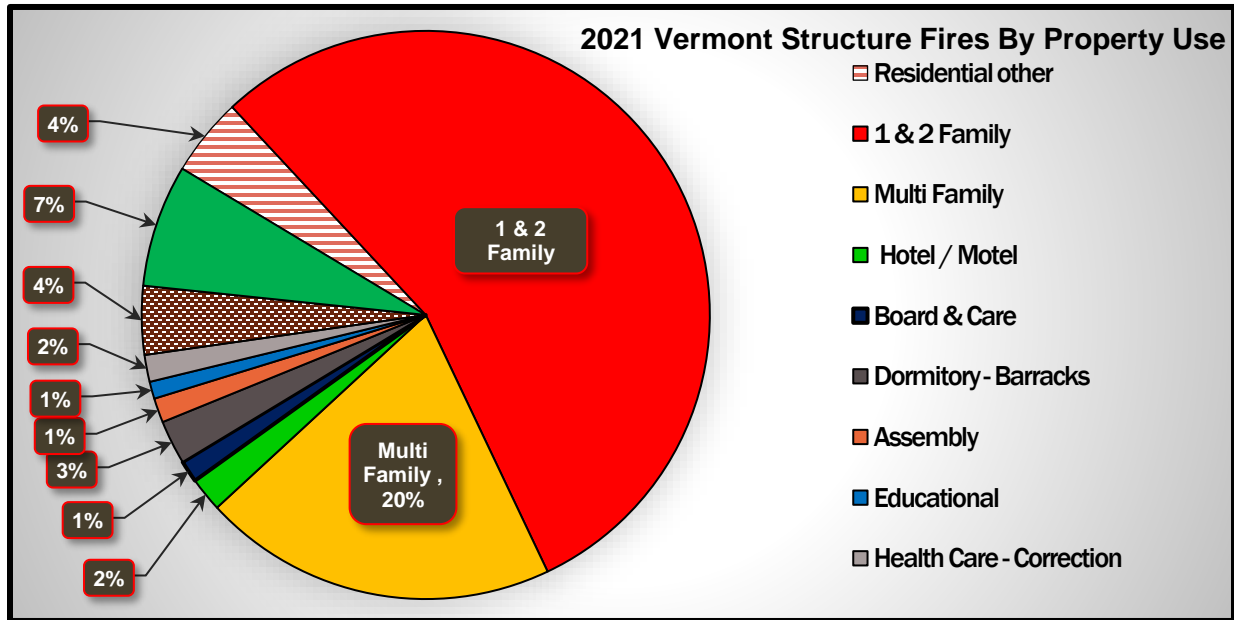
The significant gains we have made would not be possible without the hard work and devotion of our staff and support from the Commissioner, Administration, the Legislature and most importantly, the Vermont Fire Service. On behalf of the staff, I would like to thank all of those involved in supporting the mission of the Division of Fire Safety, Department of Public Safety.

Michael Desrochers
Division of Fire Safety, Executive Director



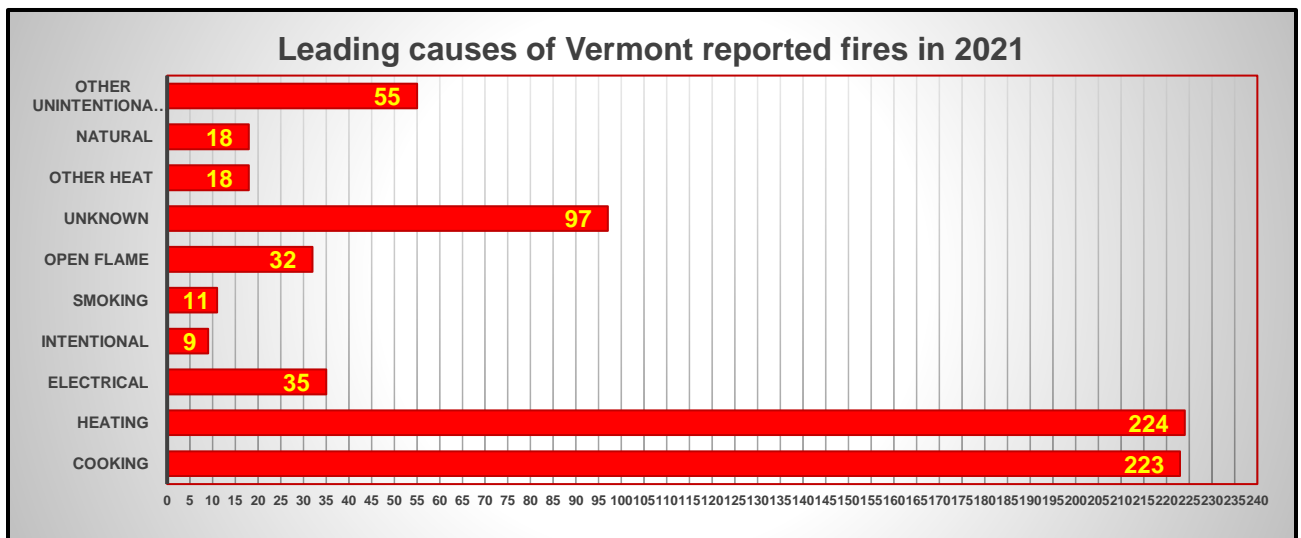
The Impact of Fire in Vermont

During 2021, VT fire departments reported responses to over 49,008 emergency incidents. Residential properties account for most Vermont structure fires and civilian fatalities. While the fire problem varies across the country, there are several common contributing factors such as poverty, climate, education, code enforcement, demographics and other factors that influence the statistics.



Cooking fires and heating appliances continue to be the leading causes of structure fires in Vermont. Unattended cooking was the leading cause of cooking fires and casualties. Almost one-third of the people killed by cooking fires were asleep when the fire started. More than half of the non-fatal injuries occurred when people tried to control the fire themselves.

A lead contributing factor to home heating fires is failure to clean creosote from solid-fueled heating equipment chimneys. The long cold Vermont winters put added stress on heating systems. Furthermore, fluctuating fuel prices can force people to use alternative heating sources that may not be safe. An improperly installed and maintained heating appliance is dangerous and can result in carbon monoxide poisoning or be the source of a fire.



Impact of the Covid-19 Crisis



As the country moves into the post COVID-19 pandemic, many researchers are studying its impacts on first responders, a unique population because of their risk of exposure and re-exposure. The COVID-19 pandemic placed enormous pressures on our country's first responders who risk exposure every day.

The fire service is an "all hazard" responder agency with multiple reasons we respond to those in need. From hazards, seen and unseen, rescue, hazardous materials, to service calls and medical aid. Over the last 20 years we have seen a number of viruses infecting our response population to include MERS, SARS, Meningitis, TB, Type A & B Flu and other viruses and bacteria of all types creating infections and contagious diseases. COVID-19 in particular has proven to be particularly exhausting physically, mentally, and spiritually. The prevalence of firefighter suicides are sad reminders of the psychological costs many of our fellow brothers and sisters endure and how the current crises is amplifying those issues.

There are numerous specialized resources for Fire and EMS out there. The U.S. Fire Administration has Critical information and additional content for fire and EMS

<https://www.usfa.fema.gov/coronavirus/index.html>

Vermont COVID-19 FD Response Special Study

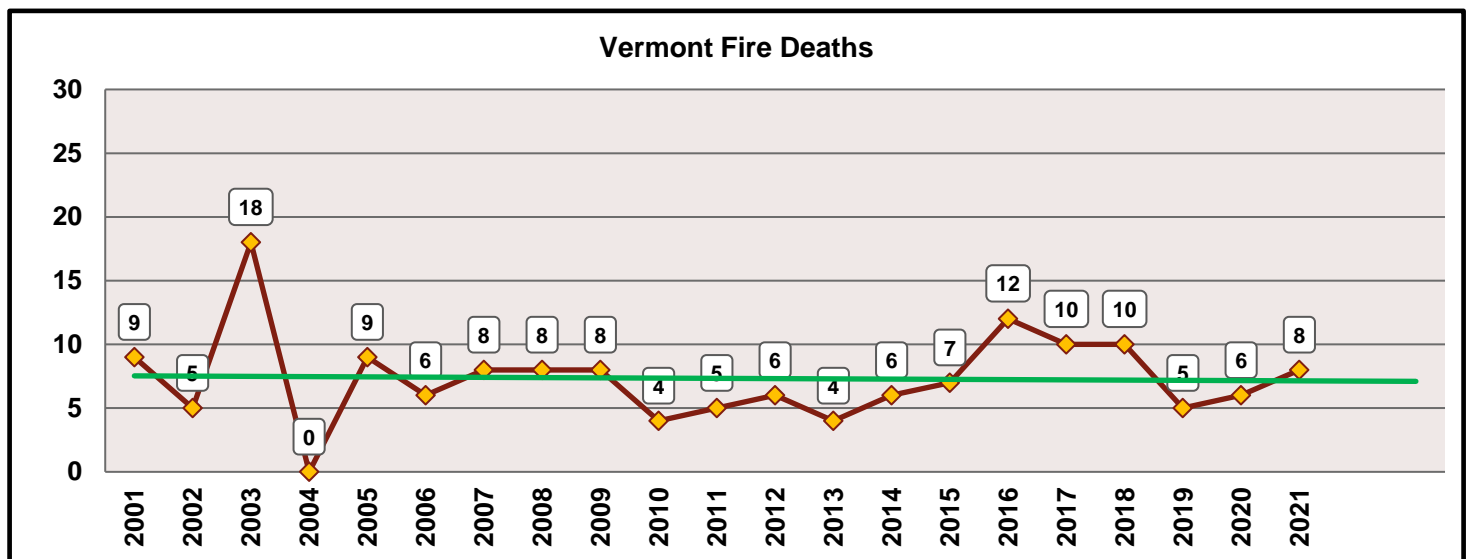
2020		
Special Study Code 1	Number of Incidents	Percentage:
1 – Yes, COVID 19 was suspected.	467	4.35%
2 – Yes, COVID 19 was confirmed.	28	0.26%
3 – No, COVID 19 was not a factor.	7,603	70.83%
4 – Unknown	2,636	24.56%
Sum:	10,734	100.00%

2021		
Special Study Code 1	Number of Incidents	Percentage:
1 – Yes, COVID 19 was suspected.	324	2.16%
2 – Yes, COVID 19 was confirmed.	122	0.81%
3 – No, COVID 19 was not a factor.	11,703	78.07%
4 – Unknown	2,841	18.95%
Sum:	14,990	100.00%

VERMONT Fire Deaths

Historically, Vermont has had a disproportionately high per capita fire fatality rate. The chart below shows the number of fire deaths spanning 20+ years. Vermont experiences an average of 8 fire deaths a year. Fire safety officials, fire departments and other safety advocates have all contributed to the overall reduction in fire deaths over time.

Although, the National and State fire death rates have decreased, the elderly and young children are still the most vulnerable populations. Older adults have a greater risk of fire death than the overall population. In the past 5 years 2017-2021, 31% Vermont's fire deaths have been seniors over the age of 65. This is a drop from the previous 5 years 2012-2016 which was 48%. It is important to note between 2004 and 2016 Vermont did not experience a single child fatality. In 2017 and 2018 we experienced three child fatalities.



VERMONT 2021 Fire Deaths				
Incident Date	Age	Gender	Building type	Town
Jan 9	31	M	Apartment building	Burlington, VT.
Jan 9	55	M	Apartment building	Burlington, VT.
Jan 28	29	M	Single Family home	Alburgh VT
May 25	21	M	Single Family home	Corinth VT
June 26	?	F	Condo building	Essex Junction VT
Sept 5	40	M	Single Family home	Winooski VT
Sept 13	89	F	Single Family home	Highgate VT
Nov 9	58	F	2 - Unit Duplex	St. Johnsbury VT

Northeast States 2021 Fire Deaths

as reported by the U.S. Fire Administration

Massachusetts 25, Connecticut 22, Maine 20, Rhode Island 14, New Hampshire 13, Vermont 8
 Pennsylvania 145, New York 122, New Jersey 56, Delaware 9

Vermont Fire Deaths by Type of Incident - 5 years (2015 -2020)

	2017	2018	2019	2020	2021	5 - year Total
Heating Equipment	0	4	0	1	0	5
Cooking	1	0	0	1	0	2
Smoking Materials	1	1	1	0	2	5
Open Flame	2	0	1	0	0	3
Explosion	0	2	0	0	0	2
Electrical	1	0	0	1	1	3
OTHER equipment	0	0	3	0	0	3
CO	0	0	0	0	0	0
Undetermined	5	2	0	3	4	14
Homicide	0	1	0	0	0	1
Totals	10	10	5	6	7	38

Vermont Fire Deaths by Age over the last 10 years (2011 - 2021)

Age group	Age	Total Deaths	%
Childhood (0 - 12)	Neonatal (0 -1 mo)	0	
	Infancy (2 - 23 mo)	1	1.2%
	Preschool Age (2 - 5)	1	1.2%
	School Age (6 - 12)	1	1.2%
Teen	Adolescence (13 - 17)	0	
Adulthood (18 +)	Young Adulthood (18 - 29)	5	6.2%
	Thirties (30 - 39)	10	12.5%
	Middle Age (40 -50)	5	6.2%
	Middle Age (51- 65)	21	26.2%
Senior	Aged (66 - 84)	22	27.5%
	Aged (85+)	7	8.7%
	Unknown	7	8.7%
		80	
Male		45	56.2%
Female		35	43.7%
Unknown		1	

Factors Commonly Associated with Fire Death Rates

Fire death rates vary considerably by state, the U.S. average was 11.7 deaths per million population. Higher state fire death rates are correlated with larger percentages of population who:

- ▶ Do not have working home safety devices - smoke and carbon monoxide alarms.
- ▶ Have incomes below the poverty line.
- ▶ Are adults without a high school diploma or equivalent.
- ▶ Are current smokers.
- ▶ Live in rural areas; and in older homes.
- ▶ Are either African American or Black or are Native American or Alaskan Native.
- ▶ Are older adults.

Vermont Characteristics and Fire Facts

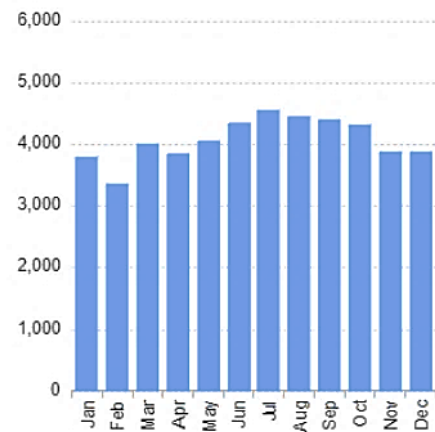
- Every 23 seconds, a fire department in the United States responds to a fire somewhere in the nation.
- The Northeast with 56% had the highest occurrence of cooking equipment fires than other regions.
- Vermont has 231 active fire departments
- Vermont is one of the states with the largest number of firefighters and fire departments per capita.
- 73% of all of Vermont Fire Departments reported incidents to the NFIRS in 2021
- Vermont and Maine are considered the most rural states in the nation.
- Vermont is the second least-populated state in the USA.
- Vermont's housing stock is dominated by older, owner-occupied homes. It is the second oldest in the nation behind Maine. About 44% of the housing stock is comprised of year-round, owner-occupied homes built before 1950. A third of all rental and owned homes in the state were built before 1950
- Vermont is the only state in the country that does not have a single building taller than 124 feet
- Heat from a fire rises at 90 feet per second or approximately 60 mph and doubles in size every minute.
- Fire kills more Americans than all-natural disasters combined.
- Vermont is tied with New Hampshire for the 3rd oldest median age in the nation. 42.9 years
% of Population Over 65: 20.6%
% of Population Under 18: 18.3%
- Vermont is the seventh coldest State in the United States.
- Vermont ranks first in the nation for its per-capita use of wood for heat, with at least one in six Vermont households use wood products as their primary heating source.
- Over 49,278 Vermont emergency incidents were reported in 2021
- Vermont has almost one half of the total dairy farms in all of New England.
- Chances your household will have a reported home fire in an average lifetime: 1 in 4
- Chances that someone in your household will suffer a fire injury in an average lifetime: 1 in 10
- Households can expect to average a home fire every 15 years or five fires in an average lifetime.
- The Vermont State Fire Marshal's Office was organized over 100 years ago in 1919.

Vermont NFIRS Dashboard (reported Incidents statewide)

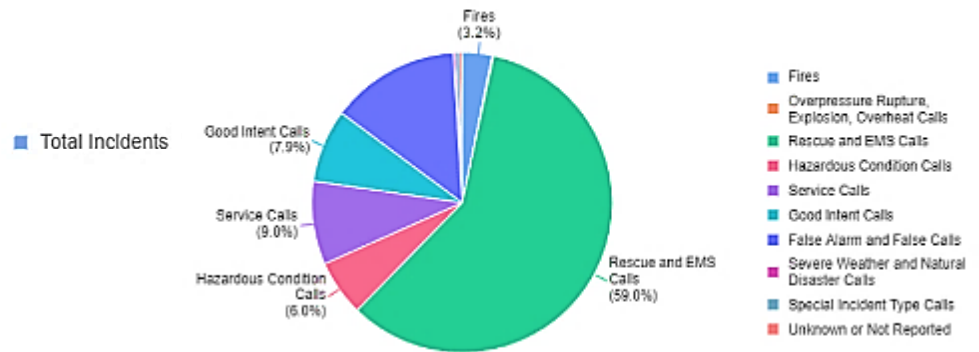
Summary By Incident Type Category

Incident Type Category	Total Incidents	Percent	Aid Given	Exposures	Grand Total
Fires (100-173)	1,460	3.2%	887	6	2,353
Overpressure Rupture, Explosion, Overheat Calls (200-251)	76	0.2%	3	0	79
Rescue and EMS Calls (300-381)	26,962	59.0%	1,138	0	28,100
Hazardous Condition Calls (400-482)	2,754	6.0%	176	0	2,930
Service Calls (500-571)	4,099	9.0%	348	0	4,447
Good Intent Calls (600-672)	3,603	7.9%	462	0	4,065
False Alarm and False Calls (700-751)	6,342	13.9%	236	0	6,578
Severe Weather and Natural Disaster Calls (800-815)	109	0.2%	8	0	117
Special Incident Type Calls (900-911)	183	0.4%	4	0	187
Unknown or Not Reported	148	0.3%	0	4	152
Grand Total	45,736	100.0%	3,262	10	49,008

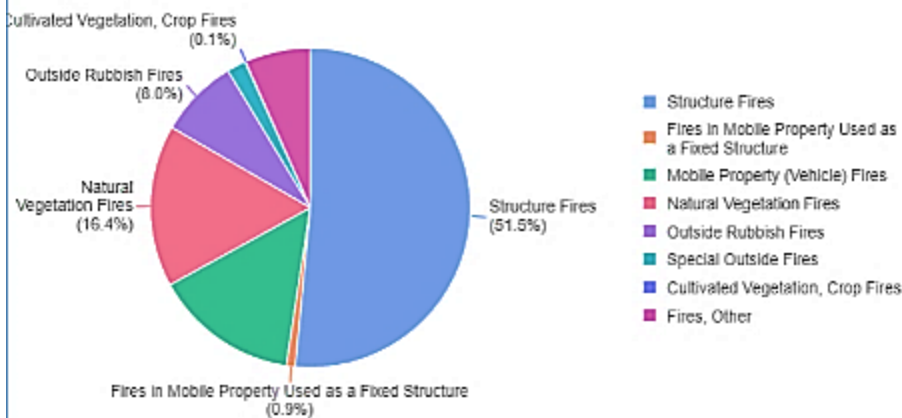
Incident Counts By Month of Year



Incident Type Category Summary



Fire Incident Type Category Summary



Incident Valid Status Summary

Incident Valid Status	Total	Percent
Valid	43,832	89.4%
Invalid	5,175	10.6%
No Activity	0	0.0%
Grand Total	49,007	100.0%

Fire Dollar Loss Summary

Dollar Loss	Grand Total
Total Fire Property Loss	\$12,795,917
Total Fire Contents Loss	\$7,099,026
Total Fire Dollar Loss	\$19,894,943

Firefighter Deaths and Injuries

Firefighter fatalities in the United States – 2020

Report: NFPA's "Firefighter Fatalities in the United States - 2020"

Author: Rita F. Fahy, Jay T. Petrillo,

Issued: October 2021



Firefighting is a dangerous profession, and a growing body of research and data show the contributions that job-related exposures have in chronic illnesses, such as cancer and heart disease, and in behavioral health issues that may end in suicide. These deaths and injuries are in addition to the incident-specific deaths and injuries that occur while on-duty.

As could be expected, in 2020, the largest share of firefighter deaths in the US resulted from exposure to COVID-19. NFPA has received notification of the deaths of almost 80 firefighters due to exposure to COVID-19 while on the job in 2020. Many of the cases were tied to specific emergency calls, particularly medical calls, where firefighters were exposed to infected members of the public. Other cases were attributed to exposure at the fire station.

Each year, NFPA collects data on all firefighter fatalities in the U.S. that resulted from injuries or illnesses that occurred while the victims were on-duty. The NFPA produces a report of the information. This report analyzes the types of duty associated with firefighter deaths, the cause and nature of fatal injuries to firefighters, and the ages of the firefighters who died.

Report Highlights

- There were 140 on-duty firefighter deaths in 2020. Seventy-eight were due to COVID.
- Of the 62 non-COVID deaths:

- Twenty-seven were volunteer firefighters, 23 were career firefighters, eight were contractors to state and federal land management agencies, two were employees of a federal land management agency, and two were members of the military.
- The largest share of deaths occurred while firefighters were operating at fires or explosions (20 deaths).
- Overexertion, stress, and medical issues accounted for more than half of the deaths (34 deaths).
- Fifteen firefighters died in vehicle-related incidents, including 14 firefighters who died in vehicle crashes (six of them in five aircraft crashes) and one who was struck by a vehicle.

Figure 3. Firefighter Deaths by Cause of Injury: 2020

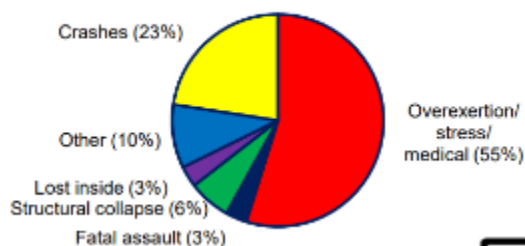
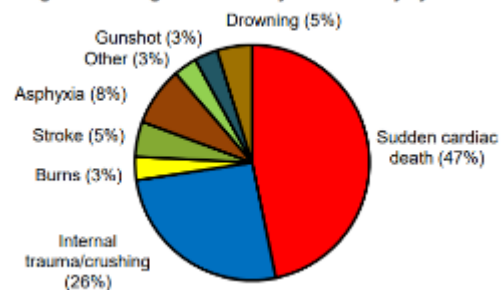


Figure 4. Firefighter Deaths by Nature of Injury: 2020



The National Fire Protection Association (NFPA) publishes several reports and standards, as well as providing a great deal of information related to firefighter safety issues. Additional details and this full report is available at NFPA Research, Data and Analytics Division 1 Batterymarch Park Quincy, MA 02169-7471 www.nfpa.org

Vermont had no line of duty fire fighter deaths in 2021



Our Fallen Vermont Firefighters Roll of Honor

Name	Fire department	Location	Date of death
Dana H. Fuller	Bellows Falls Fire Department	Bellows Falls Vermont	1981
Terry B. Brown	Bellows Falls Fire Department	Bellows Falls, Vermont	1981
David L. Anderson	Norwich University Fire Brigade,	Northfield ,Vermont	1984
Matthew R. Baran	Norwich University Fire Brigade,	Northfield ,Vermont	1984
Patrick J. DeKramer	Norwich University Fire Brigade	Northfield ,Vermont	1984
Richard M. Barron	Rutland City Fire Department	Rutland Vermont	1984
David Christopher Winot	Newbrook Fire Department	Vermont	1987
Robert B. Costine	Stamford Volunteer Fire Department	Stamford Vermont	1988
Robert L. Parker	East Montpelier Volunteer Fire Department	East Montpelier, Vermont	Mar 30, 1991
Gordon A. Champney	Bolton Volunteer Fire Department	Bolton, Vermont	Mar 16, 1992
Maurice J. Wardwell	Procter Fire Department	Procter, Vermont	Jan 23, 1994
Floyd C. Birchmore	Addison Fire Department	Vergennes, Vermont	Aug 8, 1996
Eugene P. McDonough	St. Johnsbury Fire Department	St. Johnsbury, Vermont	Sep 5, 1998
Charles P. Frank, III	West Weatherfield Fire Department	Perkinsville, Vermont	Nov 8, 1998
Phillip M. Pinkowski, Jr.	Clarendon Volunteer Fire Department	West Rutland, Vermont	Apr 12, 1999
Edward A. Russ	Bethel Volunteer Fire Department	Bethel, Vermont	Dec 11, 2000
Clarence F. Birchmore	Whiting Fire Department	Whiting, Vermont	Mar 16, 2002
Bruce H. Young	Middlebury Fire Department	Middlebury, Vermont	Mar 9, 2003
John "Jack" P. Horton	Marlboro Volunteer Fire Company	Marlboro, Vermont	Aug 6, 2009
Kenneth E. Frizzell Jr.	Charleston Volunteer Fire Department	East Charleston, Vermont	Aug 30, 2009
Peter J. Coe	Shoreham Volunteer Fire Department	Shoreham, Vermont	Dec 27, 2009
Steven N. Costello	Burlington Fire Department	Burlington, Vermont	Jul 30, 2010
Justin R. Beebe	USDA Forest Service - Lolo National Forest Interagency Hotshots		2016
Steven L. Lapierre	Georgia Volunteer Fire Department	Saint Albans, Vermont	May 5, 2016
Casey S. Kuhns	Morrisville Fire Department	Morrisville, Vermont	Feb 28, 2018

National Fallen Firefighters Memorial - National Emergency Training Center in Emmitsburg, MARYLAND

Constructed in 1981, the 7-foot stone monument features a sculpted Maltese Cross, the traditional symbol of the fire service. An engraved plaque on the monument bears a message from President Ronald W. Reagan. At the base of the monument an eternal flame symbolizes the spirit of all firefighters — past, present, and future. Plaques encircling the monument list the names of the men and women of the fire service who have died in service to their communities since 1981. Whenever a firefighter dies in the line-of-duty, fire officials post a notice of the death at the monument and lower flags at the site to half-staff.



Firefighter Injuries on the Fireground – 2020

Report: NFPA's "Firefighter Injuries on the Fireground"

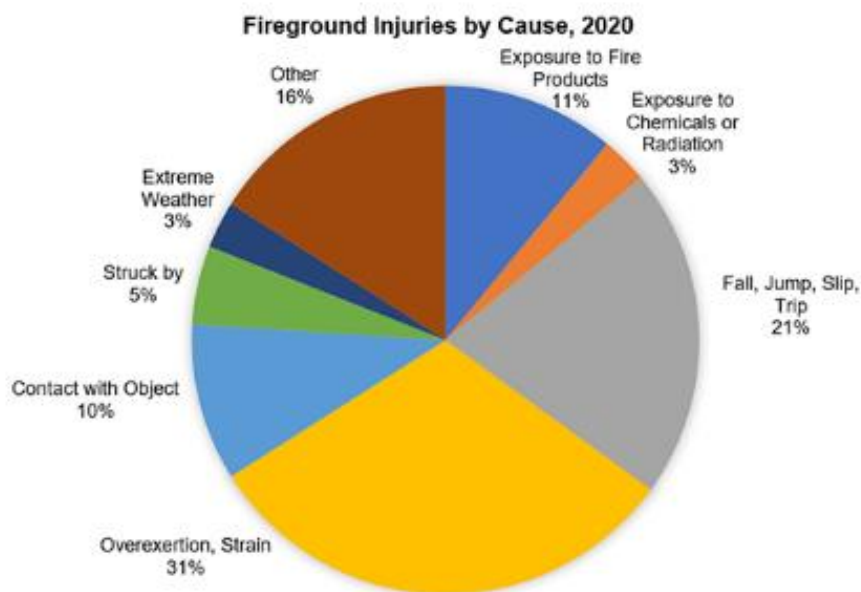
Author: Richard Campbell

Issued: October 2021



Report highlights

- United States firefighters experienced an average of 24,950 non-fatal injuries on the fireground each year from 2015 through 2019.
- Injuries caused by exposure to a hazard (such as heat, smoke, or toxic agents) and overexertion or strain together accounted for nearly half of the injuries.
- Three in ten fireground injuries (30 percent) resulted in lost work time, while just under two in five injuries (39 percent) were report only and did not result in lost work time.
- The majority of firefighter injuries were sustained by career firefighters (83% of the total), with volunteer firefighters experiencing 17 percent of injuries. Female firefighters accounted for four percent of injuries.
- Structure fires were associated with the largest share of firefighter injuries (83 percent).



The [National Fire Protection Association](https://www.nfpa.org) (NFPA) publishes several reports and standards, as well as providing a great deal of information related to firefighter safety issues. Additional details and this full report is available at NFPA Research, Data and Analytics Division 1 Batterymarch Park Quincy, MA 02169-7471 www.nfpa.org

Insurance Companies Reported Dollar Loss from Fire

Dollar Loss from Fire -

The National Fire Incident Reporting System (NFIRS) provides a large amount of information on fires and other types of incidents fire departments respond to, including causes of fire, property loss, injuries and death. NFIRS provides the big picture however, more specific information on property loss is obtained separately through a survey of insurance companies.

The NFIRS and insurance company data compiled in the table is for 2012 through 2019 and reflects the significant impact of the property loss in Vermont. What the figures don't show is the additional loss in wages to employees who are out of a job after a fire, the loss in tax revenues to municipalities when a building is burned, the loss of business in a community when a business is forced to close after a fire or the cost of health care for the treatment of fire and burn injuries.

Year	Fire Departments Reporting	Fires Reported	Estimated Dollar Loss by Fire Departments	Insurance Companies Reporting/ Total	Fire Claims Reported	Reported Dollar Loss by Insurance Companies
2012	194	2,233	\$ 17,840,192	860	839	44,510,095
2013	194	2,116	\$ 26,485,951	615	878	50,911,724
2014	228	2,114	\$ 30,412,139	615	1,130	50,589,356
2015	230	2,198	\$ 25,112,224	606	939	45,574,673
2016	228	3,138	\$16,919,906	644	706	57,098,292
2017	172	2,458	\$ 21,029,493	615	1,104	54,359,205
2018	170	1,708	\$ 22,628,798	611	844	57,204,711
2019	157	2,302	\$ 21,511,729			
2020	168	2,678	\$17,889,976	580	667	56,762,499
2021	170	2,376	\$19,894,943	Data not currently available		



Rules, Codes and Standards

Since 1962, the State of Vermont Division of Fire Safety has adopted nationally recognized safety standards to protect the public. Through this process, Vermont benefits from the research and advanced fire safety experience of experts from across the nation.

The existing 2015 Vermont Fire & Building Safety Code incorporates editions of the NFPA & ICC codes and standards. The Division of Fire Safety amends the national standards only when necessary to address conditions specific to Vermont. Currently the division is in process of reviewing revised editions of the codes for adoption.

Primary Adopted Codes and Standards		
Vermont Fire and Building Safety Code		2015 edition
NFPA 101	Life Safety Code - National Fire Protection Association	2015 edition
NFPA 1	Fire Code - National Fire Protection Association	2015 edition
IBC	International Building Code – International Code Council	2015 edition
NBIC	National Board Inspection Code , - National Board of Boiler & Pressure Vessel Inspectors	2015 edition
Vermont Electrical Safety Rules		2017 edition
NFPA 70	National Electrical Code - National Fire Protection Association	2017 edition
Vermont Access Rules		2012 edition
ADA	Americans with Disability Act Accessibility Standards	2010 edition
Elevators Safety Rules		2014 edition
ASME A17.1	Safety Code for Elevators and Escalators	2013 edition
ASME A17.3	Safety Code for Existing Elevators and Escalators	2011 edition
ASME A18.1	Safety Standard for Platform Lifts and Stairway Chairlifts	2011 edition
Vermont Plumbing Rules		2018 edition
IPC	International Plumbing Code – International Code Council	2018 edition

If you have any code questions, please contact:

The DFS Regional Office in your area

Or visit

firesafety.vermont.gov/ContactUS

for which office covers your area and contact information



Incident Reporting and Data Management

Fighting Fire with Facts



The National Fire Incident Reporting System (NFIRS) program was adopted in Vermont in 1983. NFIRS is the largest database of fires and other types of incidents reported by fire departments in the world. The data helps to provide the big picture and helps us provide information to decision makers and it helps to justify grants and fire service funding. We call this fighting fire with facts.

Fire reporting by VT fire departments is required by state law. To facilitate the timely analysis of the National Fire Incident Reporting System (NFIRS) data it is recommended that fire departments submit their data at monthly intervals. If no runs were made during the month, a report of "no activity" should be submitted for the reporting period. Do not wait to send all your reports at the end of the year.

After responding to an incident, a fire department completes the appropriate NFIRS modules. Each module collects a common set of information that describes the nature of the call, the actions firefighters took in response to the call, and the end results, including firefighter and civilian casualties and a property loss estimate.

Vermont fire departments submit its all-incident data directly to the USFA's NFIRS national database through import tools designed specifically for this process.

The NFIRS software is available at no cost to states, tribal, territorial agencies and fire departments.

Program Contacts

The state NFIRS team provides technical assistance, user training, data analysts and research management.

Stanley Baranowski
802-479-7575
stanley.baranowski@vermont.gov

Michael D. Greenia
802-479-7587
micheal.greenia@vermont.gov

Maurice VanDemark
802-479-7565
Maurice.Vandemark@vermont.gov

E-NFIRS

During 2020, NFIRS went through a system moderation and update named E-NFIRS.

<https://www.nfirs.fema.gov/NFIRSWeb/login>

The e-NFIRS application has numerous improvements including, a way you can reset your own password or recover a username. So there is no need to contact us to reset a password. Some users will find that their account has been locked, this is due to inactivity or not changing your password. If this is the case, you will need to send us an email so we can reset it on our end.

For additional information on NFIRS please visit :

<https://firesafety.vermont.gov/fireservice/fireincident>

<https://www.usfa.fema.gov/nfirs/>

<https://www.usfa.fema.gov/data/nfirs/support/training.html>





Fire and Building Safety Services

Code Enforcement & Plan Review

Most Vermont towns do not have a fire marshal/building inspector to conduct life safety building inspections in public buildings. The Division of Fire Safety reviews plans and issues State building permits. Every attempt is made to issue permits in a timely manner (within 30 days). We work collaboratively with the business community and try to find ways to ensure the plans we receive have adequate information to assist us in expediting our plan review process.

Inspections and code enforcement activities help us validate those structures have been built in compliance with nationally adopted building standards. Pre-construction meetings are often held to ensure the proposed project is on the right track for permitting and errors are caught in the design phase avoiding costly mistakes or delays in permitting.



Code Enforcement & Plan Review Statistics			
	2019	2020	2021
Construction Permits issued	2,615	2,422	2,638
Field Reviews	1,248	1,129	1,184
Electrical Inspections	5,969	5,475	5,559
Plumbing Inspections	1,857	1,806	2,017
Fire/Building Inspections	6,401	6,264	6,626
Total	18,090	17,096	18,024



Boards and Committees

The Division furnishes administrative and technical support to numerous licensing boards as well as several emergency services committees. Division staff works regularly with representatives of the trade's community and fire and rescue services on current issues, education and licensing matters.

Electricians' Licensing Board

The Board consists of the Commissioner of Public Safety, or a member of that Department designated by the Commissioner and four persons appointed by the Governor with the advice and consent of the Senate. The Board includes one licensed master electrician, one licensed journeyman electrician, one person associated with the public electrical utility industry who is knowledgeable in technical as well as operational issues of the electrical utility industry, and one person associated with the fire insurance industry.

Elevator Safety Review Board

The Elevator Safety Review Board is established within the Department, and shall consist of seven members, one of whom shall be the Commissioner or designee, one of whom shall be the Commissioner of Labor or designee, and five members to be appointed by the Governor as follows: one representative from a major elevator manufacturing company; one representative from an elevator servicing company; an owner or manager of a multistoried building, in which a conveyance is installed; an elevator inspector; and an individual who actually installs, maintains, and repairs conveyances.

Access Board

An access board is created consisting of ten members. The members of the board shall be the commissioner of public safety, or designee; the chair of the house committee on institutions, or designee; the chair of the senate committee on institutions, or designee; the commissioner of buildings and general services, or designee; the state historic preservation officer, or designee; and five members appointed by the governor, including an independent architect, a builder or contractor, and three individuals with disabilities representing organizations for persons with disabilities in this state, appointed by the governor. The governor shall also appoint one additional individual with a disability to act as an alternate for the three members with disabilities.

The Plumbers' Examining Board

A Plumber's Examining Board shall consist of five members, one of whom shall be the Commissioner of Public Safety or designee and one of whom shall represent the Commissioner of Health or designee. The remaining three members shall be appointed by the Governor with the advice and consent of the Senate. One of the appointive members shall be a master plumber, one shall be a journey plumber, and one shall be a public member not associated with the plumbing or heating trades.

Vermont Fire Service Training Council

The council provides standards for training and certification of firefighters. The Council shall consist of 12 members. The Commissioner of Labor, the Commissioner of Public Safety, the Director of Fire Safety, the Commissioner of Forests, Parks and Recreation, the Secretary of Education, and the Commissioner of Health, or their designees, shall serve as ex officio members of the Council. Six members shall be appointed by the Governor for three-year terms.

Licensing and Certification



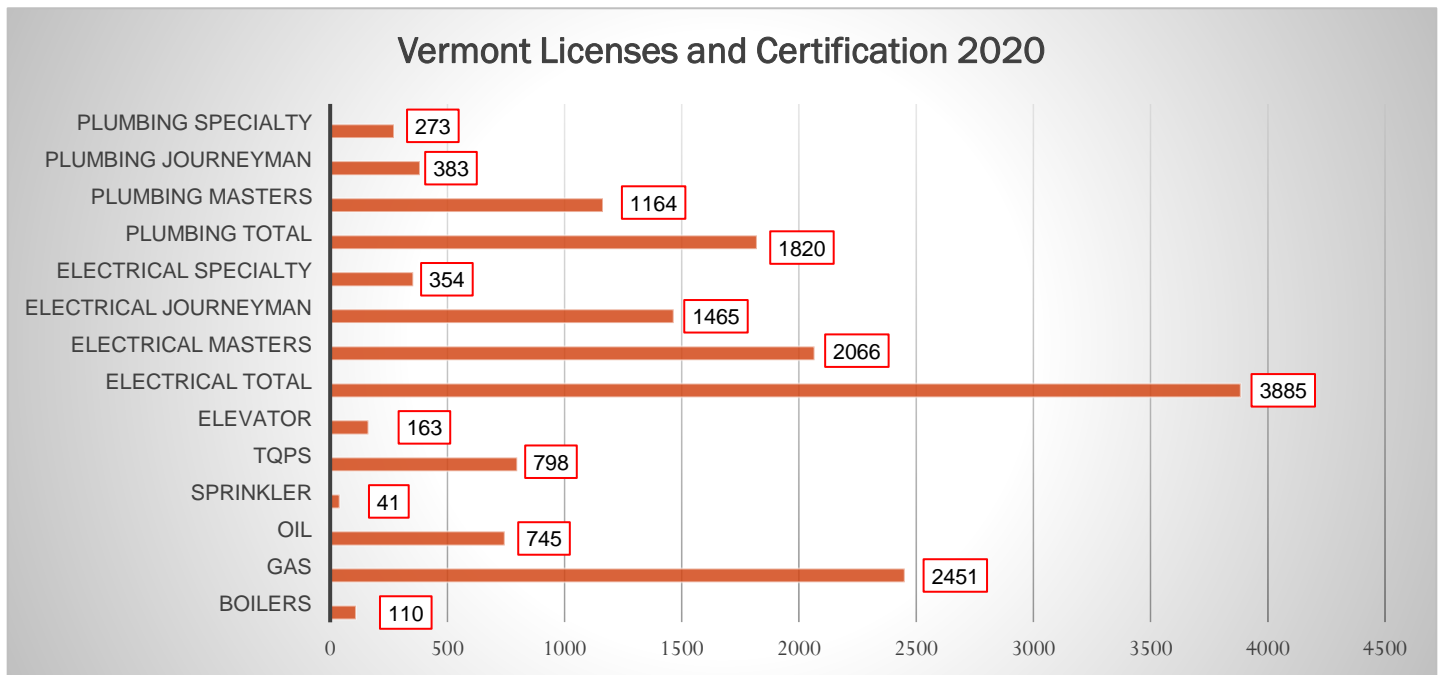
Licensed and certified trade professionals play a significant role in protecting Vermonters by following adopted rules and standards and ensuring building equipment and systems are safe. Over the years, professional trade groups have contributed to the reduction of fire related fatalities and injuries Vermont.

The Division of Fire Safety administers licensing and certification programs for construction trade groups to ensure our trade professionals maintain a high level of technical knowledge. Trade professionals are required to meet minimum qualifications in their respective field for licensure and or certification renewal including continuing education to keep current with code changes and emerging technology.

If you have any questions about the program, contact:

Division of Fire Safety Licensing Specialist:
My-Lanh Graves (802-479-7564)
my-lanh.graves@vermont.gov

Vermont Licenses and Certification Types	
Electrical Master, Journeyman, Specialist	Certified Professionals / Technically Qualified Person (TQP) T 1 Fire Alarm T 2 Fire Suppression T 3 Fire Sprinkler I 3 Fire Sprinkler Designer I 4 Fire Sprinkler Designer T 4 Chimney Sweeps T 6 Emergency Generators T 8 Domestic Fire Sprinkler Systems O B NORA Oil Bronze Cert O S NORA Oil Silver Cert G N Natural Gas L P Propane Gas G B Natural / Propane Gas
Plumbing Master, Journeyman, Specialist	
Elevator Inspector, Mechanic, Lift Mechanic	
Boiler Commissioned Inspector	



For Assistance With: All Electrical, Plumbing, Elevator Licenses T1, T3, I3, I4, T8 TQPs Please Contact	For Assistance With: T2, T4, T6, TQPs OB, OS All Gas Certifications Please Contact
My-Lanh Graves Central Office - Licensing Specialist 802-479-7564 My-Lanh.Graves@vermont.gov	Debbie Moulton Springfield - Regional Assistant 802-885-8883 debra.moulton@vermont.gov

Division of Fire Safety Special Operations

To meet the operational and resource needs of Vermont's emergency services and to support local governments, the division established its own emergency operation center to coordinate our response teams to effectively and efficiently respond to evaluate and conduct rapid building inspections.



In 2021 Due to the continuing coronavirus (COVID-19) pandemic, the Division's Special Operations Section and division personnel, continued to support Vermont Emergency Management (VEM) and our first responder partners to ensure we were doing our part to help protect all Vermonters.

DFS Fire Marshal teams may mobilize to provide a wide range of technical field assistance and incident support to state, local municipalities, and other organizations. State Fire Marshals can be a technical resource for building safety and fire safety issues at the incident command post. They also can help determine initial damage assessment or help with public education.



To request DFS special operations response or other assistance after hours contact the VT Emergency Management Watch Officer and ask for DFS on duty contact

1-800-347-0488

Annual Report from the Vermont Fire Academy

Michael Skaza, Acting Chief of Training



The Vermont Fire Academy remained focused on our mission and continued to be dedicated to the needs of the Vermont Fire Service in 2021. During 2021, we continued serving the fire service as a resource and information distribution hub for issues related to COVID-19. The Fire Academy also turned our focus toward the resumption of in-person training in a safe and effective manner, following all necessary health guidelines. This was a welcome shift as we saw enrollment in our Firefighter I and II programs increase in nearly all areas of the State.



While the Vermont Fire Academy Strategic Plan had us moving toward exploring alternative teaching methodologies, the posture that was forced upon us by the pandemic accelerated those efforts. The rapid shift to virtual and hybrid learning platforms provided a boost and we are now relying on those delivery methods on a more regular basis. We have had great results delivering Firefighter I, Firefighter II, and Fire Instructor I in a hybrid format where students receive instruction in-person, online, and in virtual class meetings. In 2021, we expanded this format to our Fire Officer I/II program, which allowed greater access to the program from all corners of the State.



The Fire Academy re-evaluated the Firefighter I and II delivery schedules this year to improve the quality and increase the opportunity for students to take these programs. Our live fire training exercises, which were previously conducted in a long one-day session, have been split into two one-day sessions. This has allowed our instructors to direct more focus on these important skills. With the recent adoption of an updated Firefighter I and II curriculum, we have been able to allow students to enroll in a full Firefighter I/II combined program or just the Firefighter I or Firefighter II portions as space allows. This has increased the opportunities for students to receive this valuable training.

In the past year, we introduced some new or updated courses. New courses included a hazardous materials metering course titled "Four Gas Metering for Firefighters" and a new "Ice Rescue Technician" course. We have also updated our "Flammable Gas Control" and "Photovoltaic Safety for Firefighters" courses. In 2022, we look forward to introducing a new edition of "Fire Instructor I" and adding "Fire Instructor II" and "Vehicle Rescue Operations" to our program offerings.

The East Cottage renovation project was completed in 2021. This project converted former office space into dormitory space to provide lodging for 24 people. This project provides dedicated dorm space for Fire Academy students and instructors for the first time and is an important step in our development. We look forward to being able to offer more multi-day training offerings on-campus with the added benefit of being able to provide lodging for the participants.



Current Vermont Firefighter Certifications

Firefighter I	844
Firefighter II	581
Fire Officer I	6
Fire Officer II	149
Total	1,580

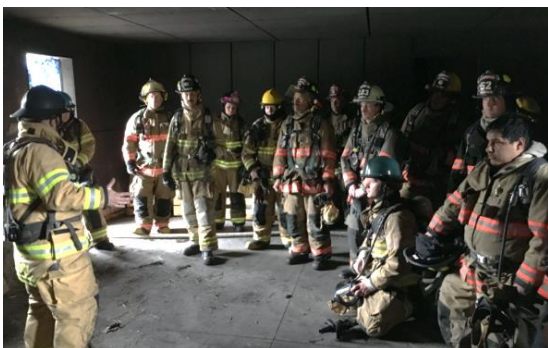
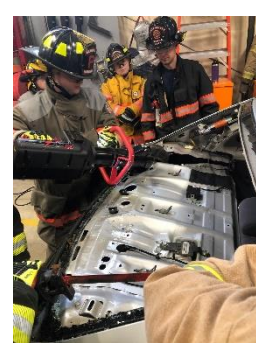
Current certifications are those that are recertifying annually by submitting continuing training hours. To keep a Vermont Firefighter Certification current, 24 hours of continued training must be submitted annually.

Programs are classes that result in certification. Despite the limitations of the pandemic, the Vermont Fire Academy conducted a wide variety of programs in FY21. In addition to these programs, dozens of non-certification courses were also conducted on a wide range of training topics.

FY21 Vermont Fire Academy Program Offerings

Firefighter I	5
Hazardous Materials Awareness	1
Hazardous Materials Awareness / Operations	8
Fire Instructor I	1
Pump Apparatus Driver Operator	1

As we said goodbye to 2021, we also bid farewell to Chief of Training Pete Lynch. Chief Lynch served the Fire Academy with unwavering dedication for over five years and his leadership pushed our organization forward. He was responsible for the development of a complex set of Standard Operating Guidelines that steer Fire Academy operations in a fair and equitable way. He fostered the development of a Strategic Plan that sets a progressive path forward. He valued the needs of our stakeholders and used those needs to guide our direction and he focused on staff and instructor development to strengthen our greatest assets. We thank him for his dedicated leadership and look forward to him continuing great work with us as a part-time Lead Instructor.





Public Education and Community Risk Reduction

Micheal Greenia - Public Education Section Chief

Preventing Fires and Injuries Through Education and Community Risk Reduction

The DFS Public Fire Safety Education and Information Section is responsible for enhancing statewide public fire prevention education, information, and outreach services. The section provides support services to fire departments, fire and life safety educators and community organizations by providing technical assistance, educational equipment and coordinates national and State resources to help with efforts to reduce the fire problem in their communities.

Much of 2021 was spent reconstructing our programs for more in-person delivery. With assistance from division staff and our fire department partners, we were able to sponsor 102 programs providing fire safety education to Vermonters of all ages. We also instructed on-line fire safety programs and provided valuable fire safety resources to fire departments and teachers. As we jump start our fire education programs and deliver more face-to-face programs, we will leverage new technology, build new partnerships and continue to advocate for fire safety all year long.

Remember the most viable and safest way to fight a fire is to prevent it in the first place.



#	Program type	Primary Audience	Amount
1	K-12 School Program	School Children	5
2	College Student Program	College Students	0
3	Senior Adult Program	Senior Adults	0
4	Community Events / Regional Fairs	General Public - All ages	15
5	Adult Education /Workplace Safety Talks & Training	Workers - Business Owners	9
6	FD Programs and Open Houses	General Public - All ages	6
7	Special Programs	General Public - All ages	1
8	Other – Displays		2
9	Emergency Management - DFS Special Opps. / EOC – FSOC – Branch Duty		38
10	Etc. Division / Individual training		5
11	FD Training programs given NFIRS / FLSE	Fire Department Personnel	5
12	NFPA / Vision 2020 Programs / Meetings	State Representative / Board Member	5
13	Fire Safe 802 / training and events	General Public - All ages (home safety, alarms)	3
14	Sound Off Program		8
15	CO Alliance Meetings / Summit Planning	General Public - All ages	11
16	DFS Grants Prep and Management	Grant	7
17	E-NFIRS	System users	10
18	Personal training – online conferences		23
19	NASFM – planning / conference		10
Events = 102 (Not including meetings, prep, or EM events)			



Highlighted Projects & Programs

The Robert Howe Fire Safety Calendar



This program is an annual event that produces a calendar featuring the artwork of 3rd grade students from around the State. Each year the Division of Fire Safety reaches out to the schools across the State of Vermont, as a collaborative effort to spread the word of Fire Safety.

Third grade Students submit their artwork detailing a Fire Safety message. The artwork is judged, and winners are selected and invited to the State House to receive recognition for the artwork. Each month of the calendar represents a Fire Safety message that is appropriate for that time of year.

Go to <http://firesafety.vermont.gov/Pubed/calendar> to find out how you can get involved or have your students take part in the next calendar.

The DFS Fire Safety Video program - The Fire Safety Brief



The Division has produced a series of video programs that address many topics or projects at the Vermont State Fire Marshal's office. Likewise, in each episode we highlight different fire safety topics. This program works with local Fire Depts to provide ongoing education during the pandemic.

<https://www.youtube.com/hashtag/firesafety>

<https://www.youtube.com/hashtag/vermont>



Online Fire Safety Resource Page - For the Classroom & Remote Learning



Due to the situation with COVID-19, schools had to rapidly pivot how they were teaching students. In today's world, a large part of daily life revolves around technology. Like schools the fire service needs to leverage technology to help teach fire safety and help us keep everyone safe.

To help, last year we developed online fire safety teaching resources page to support fire departments and teachers to enhance online remote learning.



FIRE SAFE 802 is a statewide Community Risk Reduction and rural home fire safety improvement project. The program was launched in 2017 with funding support from a FEMA Assistance to Firefighters Fire Prevention & Safety (FP&S) Grant.

Residential properties account for most of the structure fires and civilian fatalities in Vermont. Working with local fire departments and other community volunteers, this program builds on past fire prevention efforts and enhances the safety of Vermont's most at risk rural residents.

Local teams have made immense progress in conducting home safety surveys, providing fire prevention education, and installing smoke and carbon monoxide alarms in homes that need them.

But there is more work to be done. All Fire Safe 802 resources and supplies are free to fire departments and teams to pass along to the community. We are now moving into phase 2 of the project we just submitted a grant request to expand the program to additional high-risk sections of the state.

If you want to bring this program to your town, please contact us



In 2020 Vermont became one of the newest states to offer the sound off program.

Sound Off is a school- and community-based initiative led by local fire departments to reach low-income households with education and smoke alarms to keep them safe from home fires.

Evaluate...Improve...Grow...Grow...Grow...
18 States



Much like the fire safe 802 program, Sound Off is designed specifically to provide home safety visits along with effective classroom lessons to ensure that homes have working smoke alarms and knowledge of what to do when they chirp (signaling low battery power) or beep (warning of a home fire).

As part of this program, we received Teaching Kits with printed materials And First Alert smoke, CO alarms and Lifetone alarms for installation in high-risk homes.

Currently our main local team doing this work is the Swanton and Highgate fire departments.

Teachers in your area will soon be contacting you to help them with this program

If you want more information or to get involved in this program, please contact us



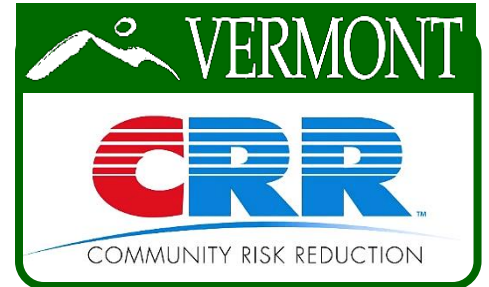


Statewide Collaboration & Engagement Framework

VT Div. of Fire Safety Joins SCEF to build CRR efforts in Vermont

To better serve fire departments and all Vermonters, the division became part of a national coalition of states engaged in adopting and implementing best practices in Community Risk Reduction using inclusive and diverse teams to achieve measurable and sustainable results in building safe, healthy and resilient communities.

The new Statewide Collaboration and Engagement Framework (SCEF) builds upon the lessons learned and acknowledges the fact that each state is unique. Each brings its own set of assets and needs, requiring a nuanced and customized approach. Vision 20/20 has crafted methods and materials to help accelerate adoption of best practices at state and local levels.



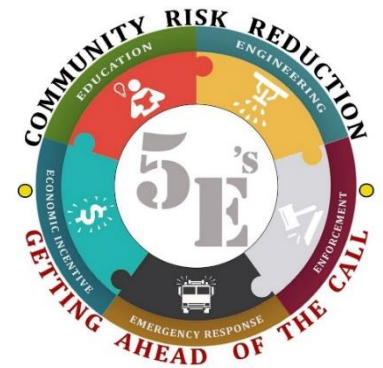
The Division's Public Education Section will continue the work to build a network to share best practices in Community Risk Reduction and other resources to help localities to develop programs and plans to reduce the risk in their town.

What is Community Risk Reduction and why does it matter?

Community Risk Reduction is defined by Vision 20/20 as a process to identify and prioritize local risks, followed by the integrated and strategic investment of resources (emergency response and prevention) to reduce their occurrence and impact

One of the primary functions of every fire department is to evaluate the potential fire and life safety risks in their community. Additionally, we are expected by the community and elected officials, to find ways to prevent future tragedies when possible and restore a sense of order in the community.

Community risk reduction will look a little different at every fire department, depending on the risks present in that community and the resources that are available to address them. CRR provides a more focused approach to reducing specific risks. In addition, a comprehensive CRR program involving community partners, firefighters, and other staff, can result in an organizational culture that recognizes the importance of reducing risks within a community.





Department of Public Safety Fire & Explosion Investigation Unit



The DPS (Department of Public Safety) FEIU (Fire & Explosion Investigation Unit) is a team collaboration of strengths and expertise of the Division of Fire Safety and the Vermont State Police. The FEIU is designed as a tool concept made available to assist local Fire Chiefs in identifying the origin & cause of each fire. Fire Departments are reminded that when calling for assistance from the FEIU, the local Fire Chief/Incident Commander, simply needs to contact their dispatch center or the nearest State Police Barracks. The dispatchers have an "on call" list of fire investigators they can contact to initiate an appropriate response. The FEIU takes very seriously their commitment to excellence and cooperation in providing the local fire service with this valuable assistance.

The FEIU Investigators were directly involved in 121 fire investigations. These fires resulted in 8 (eight) civilian deaths and 16 (sixteen) civilian injuries. There were no fatalities from carbon monoxide exposure in 2021. During 2021, the Division investigated 16 incendiary fires, 39 accidental fires, 62 undetermined and 4 fires from other causes. The Unit investigated fires in 47 single-family homes, 17 in multi-family complexes, 25 in commercial, 5 barns and 27 all others.

The Department of Public Safety is committed to working with and assisting the fire service in its goal of protecting life and property in the State of Vermont. The State of Vermont continues to see the majority of fatalities occurring in single-family homes. It has also been evident that there was a lack of installed smoke alarms and/or installed smoke alarms that did not function because the batteries had been removed or the alarm was disconnected from the electrical system. It is vitally important that the Division of Fire Safety and the Vermont Fire Service, consisting of individual fire departments and organizations, continue to work in a collaborate effort to educate and encourage the use of smoke and carbon monoxide alarms to help reduce the loss of life from fires or carbon monoxide.

***** One life lost is too many, together we can make a difference! *****



1-800-32-ARSON

(1-800-322-7766)

We Want Your Information Not Your Name!

The Division of Fire Safety Youth Fire Setting Intervention Team

The team consists of Juvenile Fire Setter Intervention Specialists that provide risk assessment services and support services for youth involved in fire setting incidents throughout the State of Vermont. The team uses a nationally recognized Youth Fire Setting Risk Assessment Survey that focuses on both the youth and their care providers.

The requests for service come from the DPS Fire and Explosion Investigation Unit, local fire chiefs, law enforcement, as well as DCF social workers and mental health professionals. The team typically responds to between 3-7 cases per year, and typically provides assessment interviews, home visits to educate families on general fire safety in their homes and advises on support services to mental health professionals and other interested parties involved in the youth's treatment plan. Including members of reparative boards and officials in the juvenile court system.

Factors Influencing Firesetting

- Easy access to lighters and matches— In many homes where a child or adolescent was involved in starting a fire, they easily discovered the matches or lighter or knew exactly where to find them. If you smoke, always keep your matches or lighter in your pocket or in other secure locations. Inform your child that you will be randomly checking his/her pockets, backpacks, and rooms for matches and lighters.
- Lack of supervision—Providing supervision is important. Parents are often shocked to learn their child was engaged in firesetting over a prolonged period of time.
- Failure to practice fire safety—Young children, teens, and parents often lack understanding of the dangers associated with firesetting and safety rules about fire. Have clear rules rather than relying on vague threats or warnings.
- Easy access to information on Internet—Technology has made explicit media available to youths about many dangerous and often illegal activities for them to replicate

What To Do If You Suspect Your Child of Setting Fires

If your child is displaying firesetting behavior, you and your family are at a higher risk for suffering the consequences of fire. Remember, you are not the only parent ever to face this problem. Contact your local fire department immediately. Explain the situation to them. Many fire departments offer youth firesetting prevention and intervention programs.

What Parents Can Do to Reduce Firesetting

- Supervision by adults decreases the opportunity to set fires.
- Teach children of all ages that fires, even small ones, can spread quickly.
- Teach young children that fire is a tool, not a toy, and only used by adults.
- Keep matches and lighters out of sight and out of reach.
- Always use fire with care and set a good example by using matches, lighters, and candles carefully.
- Teach children to show you when they find matches and lighters.
- Teach older children proper techniques for using fire.
- Point out to your children the fire safety rules you and others follow throughout the day.
- Talk to your children about the legal consequences of firesetting.



State Hazardous Materials Response Team

Patrick McLaughlin *Vermont Haz-Mat Team Chief*

The Vermont Hazardous Materials Response Team (VHMRT) continues to offer a high level of technical response and assistance to all fire departments dealing with hazardous materials incidents. In this past year we had 2 members promoted, William Schwarz was promoted to Captain in charge of training. Ben Priggen was promoted to Lieutenant in charge of VHMRT 3. We also had the retirement of Deputy Chief Bruce Martin who was also the Division of Fire Safety Springfield Regional Manager. Deputy Chief Martin brought a wealth of knowledge and experience to the team, and we wish him the very best in his retirement. We also moved our main office from Barre to DPS Headquarters in Waterbury.

The goal of the hazmat response system has always been to provide the appropriate level of response to cope with the magnitude of the incident and to do so rapidly. In 2021, the Team responded to 133 incidents. These breakdown to 44 Responses, 72 Notifications, and 17 Phone Consultations, which equates to 46% requiring team action (response or teleconference with the Incident Commander) With the continued challenges of the pandemic, the State HAZMAT team was able to maintain our ability to respond to incidents throughout the year.

Classified as a FEMA Type I HAZMAT Team, VHMRT has the highest rating given to HAZMAT teams and is capable of managing any type of incident including chemical, biological and radiological. The thirty (31) Technicians are led by a Chief, Deputy Chief, three Captain and a Lieutenant. The team has a fleet of four HAZMAT Response Vehicles. Three of the vehicles carry everything the team needs to perform at any incident, including specialized protective suits, chemical sampling and identification instruments, spill and leak containment devices and communications equipment. The team has three response trailers, a LP Gas Trailer, a Spill Response Trailer and a Decontamination Trailer to assist local emergency response agencies



The Team provided refresher training to 580 responders for a total of 168 hours, throughout the state. Classes included Air Monitoring, HazMat Awareness, Hazmat Operations Hazmat Decon, Compressed Natural Gas, and Ethanol & Foam. The team also assists Vt. State Police, when requested with instruction of Traffic Incident Management and Clandestine Lab Awareness.

In 2021, the team and the Vt. Guard 15th Civil support Team worked together to continue our goal to strengthen our inter-agency training/response and both teams are a compliment to each other. Chief McLaughlin collects and disseminates over 2,774 Tier II reports (2020) required under the Community Right to Know Act, working with the State Emergency Response Commission (SERC) and Local Emergency Planning Committees



The Vermont State Hazmat Team in action to the left is a call involving a leaking tanker in Pownal VT. The Call on the right is in Winooski VT where several chemical were mixed in a home resulting in a reaction



To Request the State HAZ MAT Team for an emergency, call the hazmat hotline

1-800-641-5005

If you have any questions about the program, contact:

Patrick McLaughlin
Vermont Haz-Mat Team Chief

45 State Dr. Waterbury VT, 05671
Phone: 802-479-7586 Email: patrick.mclaughlin@vermont.gov

In 2021, the Team responded to 133 incidents. These breakdown to 44 Response, 72 Notifications only, and 17 Scene phone consultations. These calls broke down to 1 VSP Clan Lab Assist, 45 Vehicle or boat fuel spills, 29 Above or underground tanks spills, 29 Chemical Spill, 3 Special Details, 12 Agency assist, 9 LP or CNG Calls, 3 Suspicious packages, 2 Radiological calls

Urban Search and Rescue Team

VT Task Force 1

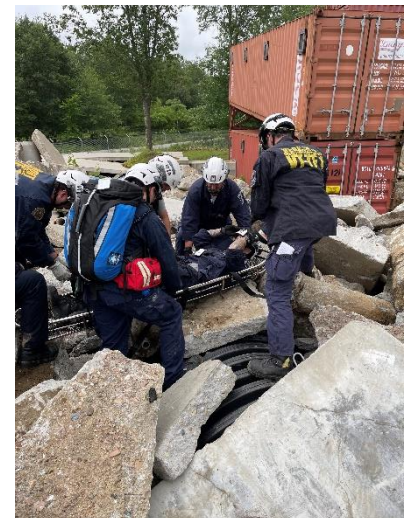
Mike Cannon - Urban Search and Rescue Program Coordinator



Vermont Urban Search and Rescue Task Force One (VT TF-1) is a National Incident Management System (NIMS) Type III Urban Search and Rescue Team (USAR) capable of operating in difficult technical rescue incidents for up to 72 hours. The 90-person Task Force is trained in advanced technical rescue which includes rope, confined space, trench and collapse rescue. The Task Force also responds with boats and rescue swimmers to assist communities during flood and moving water incidents.

The Task Force is staffed with approximately 35-90 member who are trained in mission specific specialties within the Team. These include Rescue, Search, Medical, HazMat, Logistics and Planning. Each group is responsible for carrying out important mission specific job functions such as concrete cutting, breaching, shoring, operating search cameras and listening devices or searching with specially trained canine resources.

In 2021 the Task Force responded to 8 calls for assistance as well as the on-going Pandemic response with 7 full-day missions that included shelter/cooling assistance, COVID-19 supply deliveries, as well as the transfer of personnel to assist with the State Vaccine Points of Distribution. Command Staff also staffed various functions at the State Emergency Management Agency in support of the Pandemic response





VERMONT RURAL FIRE PROTECTION TASK FORCE

Rural Fire Protection Program

The mission of the Vermont Rural Fire Protection Task Force is to improve the safety and welfare of Vermont communities by assisting local fire departments in reducing the risk of injury, loss of life, and damage to property and natural resources.

The Rural Fire Protection Program is led by the Vermont Association of Conservation Districts (VACD) and funded through the Vermont Department of Public Safety, town appropriations, and the Vermont Department of Forest, Parks, and Recreation. The program gives grants directly to towns and fire departments while working one-on-one with landowners to install and service dry hydrants.

In the event of a fire, having water available from area streams, ponds and cisterns provides an advantage to a fire department, provided the water is readily accessible. Soft or obstructed ground can limit access to water and sometimes water sources may be located so far away it makes it impossible for fire department to access the supply.

Mobile water supply vehicles can move water from distant sources, but the critical factor is whether or not the fire department can maintain an uninterrupted supply of a predictable rate of water at the fire scene. Installation of systems in rural water sources improves direct attack and long-distance water shuttle operations for fire suppression. This allows quicker, easier, and safer access to water sources from a roadway instead of having to work on soft ground immediately adjacent to the pond or stream.

A Rural Fire Protection (RFP) system can provide a simple, cost-effective solution to the need for access to water sources without delay in rural areas of a community, as well as help supplement an old or inadequate municipal system in more urban village areas. An RFP system consists of an arrangement of piping with one end in the water and the other end extending to dry land and available for connection to a pump/tanker truck. RFP systems have the following features:

- The typical Dry Hydrant configuration uses relatively inexpensive piping materials ("wet", pressurized, hydrant system materials can be more expensive).
- Are permanently installed in existing lakes, ponds, streams and cisterns.
- Provide a means of access whenever needed, regardless of weather.
- Allow years of simple operation with a minimum of maintenance.
- May help to reduce fire insurance premiums if the needed fire flow is met and certified for 2% drought conditions by a licensed engineer or certified hydrologist.
- Save time through operational efficiencies. Multiple lengths of hard suction hose may not be necessary; usually one section to the dry hydrant is enough. The strainer is also permanently attached, saving more time.
- Fewer people are needed to make a hookup compared to making a conventional direct drafting hookup.



For more information on dry hydrants and other types of rural water supply systems, please contact Troy Dare, Rural Fire Protection Program Manager at **(802) 828-4582** or dryhydrantguy@yahoo.com

Or visit
<https://www.vacd.org/programs/rural-fire-protection/>

Special Thanks to our partners who make this program possible: Vermont Association of Conservation Districts (VACD), VT Dept. of Public Safety, Division of Fire Safety, VT Dept. of Forest Parks & Rec., US Forest Service, and the Vermont Legislature.



Troy Dare
Program Manager, Rural Fire Protection Program

2021 Statewide Emergency Incident Data

IMPORTANT DATA NOTE - The data on the next few pages is from reports were run on March 3, 2022 and based on data entered from incident reports by Vermont fire departments. It provides an overview of selected incident types and may not be a full account of all fire department calls.

- Some departments may not have reported during all months of the year.
- Departments marked in gray had no incident reports submitted in 2021. { Some may have corrected this since the date the report was run.

Common Statewide Emergency Incident Types

Code	Incident types / Description	2020 Statewide Totals	2021 Statewide Totals	+ / - From Last year	Notes
321	EMS call, excluding vehicle accident with injury	16,541	19,881	+	
311	Medical assist, assist EMS crew	2,354	2,355	+	
324	Motor vehicle accident with no injuries	1,551	1,966	+	
611	Dispatched & canceled in-route	1,452	1,278	-	
743	Smoke detector activation, no fire – unintended	1,283	1,417	+	
745	Alarm system sounded; no fire unintentional	1,091	1,038	+	
322	Vehicle accident with injuries	926	1,072	+	
733	Smoke detector activation due to malfunction	900	1,150	+	
554	Assist invalid	871	945	+	
111	Building fires	778	273	-	
735	Alarm system sounded due to malfunction	725	612	-	
561	Unauthorized burning	644	457	-	
600	Good intent call, other	607	596	-	
444	Power line down	570	584	+	
300	Rescue, emergency medical call (EMS) call, other	431	569	+	
553	Public service	425	291	-	
463	Vehicle accident, general cleanup	401	443	+	
500	Service Call, other	393	373	-	
700	False alarm or false call, other	347	343	-	
142	Brush, or brush and grass mixture fire	315	132	-	
424	Carbon monoxide incident	313	280	-	
661	EMS call, party transported by non-fire agency	290	326	+	
113	Cooking fire, confined to container	288	215	-	
114	Chimney or flue fire, confined to chimney or flue	252	171	-	
353	Removal of victim (s) from stalled elevator	159	157	-	
911	Citizen complaint	111	122	+	
900	Special type of incident, other	83	59	-	
813	Windstorm, tornado/hurricane assessment	61	39	-	

2021 Reported Statewide Emergency Incident Data

State: VT		Fire	Overpressure Rupture, Explosion, Overheat (No Ensuing Fire)	Rescue and Emergency Medical Service (EMS) Incidents	Hazardous Condition (No Fire)	Service Call	Good Intent Call	False Alarm and False Call	Severe Weather and Natural Disaster	Special Incident Type	UUU N/A	Months of missing reports	Total
FDID	Fire Departments	100	200	300	400	500	600	700	800	900			
01003	ADDISON FD	13	0	69	5	0	1	4	1	0	0		93
10006	ALBANY FD	5	0	6	2	1	2	3	0	0	0		19
07009	ALBURGH FD	1	0	1	0	0	0	0	0	0	0	10	2
02015	ARLINGTON FD	14	0	34	49	28	11	23	2	0	0		161
14016	ASCUTNEY FD	4	0	110	1	14	5	2	0	0	0	6	136
06024	BAKERSFIELD FD	3	0	55	4	0	2	0	1	1	0		66
14030	BARNARD FD	7	0	36	0	1	1	8	0	0	0		53
03033	BARNET FD	1	0	2	0	0	0	0	0	0	0	11	3
12036	BARRE CITY Fire & Rescue	37	2	1,761	90	84	108	136	1	8	0		2,227
12039	BARRE TOWN FD	31	0	29	79	12	18	36	1	0	0		206
05044	BEECHER FALLS FD	10	0	39	0	1	2	19	0	0	0		71
13045	BELLOWS FALLS FD	10	0	113	9	45	28	52	2	0	0		259
02051	BENNINGTON Rural FD	17	0	19	7	37	4	20	0	0	0	6	104
02451	BENNINGTON Village FD	25	0	44	26	24	22	115	3	0	0		259
11054	BENSON FD	0	0	4	1	0	0	0	0	0	0	7	5
06057	BERKSHIRE FD	9	0	8	0	0	0	0	0	0	0	6	17
12060	BERLIN FD											12	
14063	BETHEL FD	17	0	44	9	5	4	14	2	0	0		95
04069	BOLTON FD	14	0	38	5	7	29	5	1	0	0		99
09072	BRADFORD FD	11	0	48	12	10	14	28	2	0	0		125
11078	BRANDON FD	25	0	66	10	18	15	35	1	0	0		170
13080	BRATTLEBORO Fire & Rescue	83	4	1,367	174	461	232	325	4	4	0		2,654
14084	BRIDGEWATER FD	8	0	6	2	0	8	23	0	0	0		47
01087	BRIDPORT FD	15	0	68	5	0	0	1	0	0	0		89
05090	BRIGHTON FD	1	0	0	0	0	0	0	0	0	0	1	1
01093	BRISTOL FD	11	0	55	13	17	7	21	0	0	0		
14801	BROAD BROOK - E.BARNARD FD											12	
09096	BROOKFIELD FD	1	0	1	0	0	0	0	0	0	0	10	2
04114	BURLINGTON Fire & Rescue	118	8	5,502	116	674	732	1,255	0	18	0		8,423
12117	CABOT FD	0	0	1	0	0	0	0	0	0	0	11	1
08123	CAMBRIDGE FD	3	0	47	9	3	81	16	0	0	0		159
11129	CASTLETON FD	17	2	39	18	2	8	45	2	0	0		133
14132	CAVENDISH FD											12	
13548	CHAMPION Fire Co So. LONDONDERY FD											12	
10135	CHARLESTON FD	9	0	20	3	0	0	5	0	0	0		37
04138	CHARLOTTE Fire & Rescue											12	
09141	CHELSEA FD											12	
14144	CHESTER FD	13	0	30	13	8	2	21	0	0	0		87

2021 Statewide Emergency Incident Data

State: VT		Fire	Overpressure Rupture, Explosion, Overheat (No Ensuing Fire)	Rescue and Emergency Medical Service (EMS) Incidents	Hazardous Condition (No Fire)	Service Call	Good Intent Call	False Alarm and False Call	Severe Weather and Natural Disaster	Special Incident Type	UUU N/A	Months of missing reports	Total
FDID	Fire Departments	100	200	300	400	500	600	700	800	900			
11147	CHITTENDEN FD											12	
11150	CLARENDON FD	17	0	28	11	1	5	11	0	3	0		76
04153	COLCHESTER FD	58	2	460	80	95	115	270	0	0	0		1,080
05156	CONCORD FD	8	0	54	8	1	3	6	0	0	0		80
09206	CORINTH FD	3	0	8	2	2	6	0	0	0	0		21
01162	CORNWALL FD	11	0	52	6	1	1	11	0	0			
10168	CRAFTSBURY FD	7	0	60	1	1	1	10	0	0	0		80
11171	DANBY / MT TABOR FD	13	0	20	4	0	2	16	0	0	0		55
03174	DANVILLE	15	0	23	10	4	24	7	0	0	0		
10177	DERBY LINE FD	32	0	19	11	2	8	21	1	0	0		94
02180	DORSET FD	20	0	18	18	30	2	34	2	0	0		124
03199	EAST BURKE FD	19	0	20	10	4	3	22	0	1	0		79
02193	EAST DORSET FD											12	
13191	EAST DOVER FD	10	0	33	4	4	4	2	0	0	0	3	57
05192	EAST HAVEN FD											12	
12195	EAST MONTPELIER Fire & Rescue	7	0	486	35	23	74	35	0	0	0		660
09209	EAST RANDOLPH FD	4	0	10	4	1	0	4	0	0	0		23
08201	ELMORE FD	12	0	16	4	1	2	8	0	0	0		43
06205	ENOSBURGH FD	20	0	53	15	1	21	13	0	0	0		123
04208	ESSEX JCT. FD	18	0	233	43	39	54	81	1	0	0		469
04207	ESSEX TOWN FD	32	2	571	40	25	61	135	3	0	0		869
11216	FAIR HAVEN FD	6	0	15	4	0	2	2	0	0	0	7	29
06210	FAIRFAX FD	14	0	75	12	80	12	25	0	3	0		221
06213	FAIRFIELD FD	4	0	2	0	0	0	0	0	0	0	9	6
09219	FAIRLEE FD											12	
01421	FERRISBURG FD	10	0	29	8	4	18	15	0	0	0		84
06234	FRANKLIN FD	9	0	9	0	0	5	0	0	0	0	4	23
06237	GEORGIA FD	24	2	463	22	17	28	27	5	1	0		589
04806	GLOBAL FOUNDRIES Emergency team	9	1	110	69	266	345	36	1	0	0		837
10243	GLOVER FD											12	
10801	GOSHEN FD											12	
13249	GRAFTON FD	7	0	74	12	2	7	14	0	1	0		117
07255	GRAND ISLE FD	7	0	31	6	2	40	31	0	0	0		117
01261	GRANVILLE FD	0	0	1	0	0	0	0	0	0	0	10	1
10264	GREENSBORO FD	7	0	2	12	3	10	5	0	1	0		40
03267	GROTON FD	7	0	18	14	1	5	4	0	0	0		49
13273	GUILFORD FD											12	
13276	HALIFAX FD											12	
01179	HANCOCK FD											12	
03282	HARDWICK FD	11	0	5	1	1	0	15	0	0	0	6	33

State: VT		Fire	Overpressure Rupture, Explosion, Overheat (No Ensuing Fire)	Rescue and Emergency Medical Service (EMS) Incidents	Hazardous Condition (No Fire)	Service Call	Good Intent Call	False Alarm and False Call	Severe Weather and Natural Disaster	Special Incident Type	UUU N/A	Months of missing reports	Total
FDID	Fire Departments	100	200	300	400	500	600	700	800	900			
14285	HARTFORD Fire & Rescue	34	7	1,771	50	247	154	225	3	7	0	1	2,498
14288	HARTLAND FD	25	0	55	22	8	3	15	0	0	0		128
06291	HIGHGATE FD	26	1	41	4	5	14	6	0	1	0		98
04294	HINESBURG FD	8	1	252	12	6	17	27	3	0	0	3	326
11300	HUBBARDTON FD	7	0	16	5	0	0	2	0	0	0		30
04303	HUNTINGTON FD	5	0	2	4	0	3	4	0	0	0		18
08306	HYDE PARK FD	2	0	4	0	1	0	0	0	0	0	11	7
11309	IRA FD	2	0	3	2	0	1	0	0	0	0	9	8
10312	IRASBURG FD	12	0	11	6	0	2	2	0	0	0		33
07318	ISLE LAMOTTE FD											12	
13324	JAMAICA FD	2	0	6	0	0	0	0	0	0	0	11	8
10327	JAY FD											12	
08336	JOHNSON FD	16	0	45	5	2	31	21	0	0	0		120
01354	LINCOLN FD	0	0	5	1	0	2	0	0	0	0	10	8
10360	LOWELL FD											12	
14363	LUDLOW FD	8	0	27	18	22	6	86	0	0	0	2	167
05366	LUNENBURG FD											12	
03371	LYNDONVILLE FD	26	0	60	12	31	11	42	1	0	0		183
02373	MANCHESTER FD												
13378	MARLBORO FD	0	1	53	14	12	21	8	1	1	0		111
12381	MARSHFIELD FD	18	0	27	9	1	4	14	1	2	0		76
01387	MIDDLEBURY FD	35	1	15	52	13	28	98	5	2	0		249
12390	MIDDLESEX FD											12	
11393	MIDDLETOWN SPRINGS FD											12	
04396	MILTON FD											12	
01399	MONKTON FD											12	
06402	MONTGOMERY FD											12	
12405	MONTPELIER Fire & Rescue	7	3	1,192	49	292	179	179	0	2	0		1,903
12408	MORETOWN FD											12	
08414	MORRISVILLE FD	16	1	71	41	5	35	62	0	0	0		231
11470	MOUNT HOLLY FD	9	0	10	8	0	6	9	1	0	0		43
13429	NEW BROOK FD	10	0	152	23	38	38	20	0	0	0		281
01432	NEW HAVEN FD											12	
03423	NEWARK FD	8	0	41	3	6	2	2	0	0	0		62
09426	NEWBURY FD	11	0	19	3	2	9	6	0	1	0		51
10436	NEWPORT CENTER FD											12	
10438	NEWPORT CITY FD	26	0	46	17	18	11	40	0	1	0		159
02443	NORTH BENNINGTON FD	21	1	4	3	12	2	27	0	0	0		70
07444	NORTH HERO FD											12	

State: VT		Fire	Overpressure Rupture, Explosion, Overheat (No Ensuing Fire)	Rescue and Emergency Medical Service (EMS) Incidents	Hazardous Condition (No Fire)	Service Call	Good Intent Call	False Alarm and False Call	Severe Weather and Natural Disaster	Special Incident Type	UUU N/A	Months of missing reports	Total
FDID	Fire Departments	100	200	300	400	500	600	700	800	900			
08448	NORTH HYDE PARK EDEN FD	17	0	18	2	1	4	15	0	0	0		57
10445	NORTH TROY FD	4	0	1	0	0	0	0	0	1	0	9	6
12440	NORTHFIELD FD	9	1	22	12	0	6	32	1	5	0		88
14450	NORWICH FD	39	1	41	32	24	14	47	0	1	0		199
10456	ORLEANS FD												
01459	ORWELL FD	2	0	1	0	2	1	0	0	0	0	9	6
11465	PAWLET FD	13	0	15	12	5	9	10	1	0	0		65
03468	PEACHAM FD	12	0	49	4	5	21	10	0	0	0		101
02474	PERU FD	4	1	12	7	1	0	29	2	0	0		56
13357	PHOENIX Co - LONDONDERRY											12	
11477	PITTSFIELD FD	4	0	11	3	6	4	5	0	0	0	2	33
11480	PITTSFORD FD	16	2	9	4	2	5	6	0	0	0	4	44
12483	PLAINFIELD FD	16	0	24	13	2	8	13	0	0	0		76
14486	PLYMOUTH FD	5	0	9	6	0	6	10	1	0	0		37
14595	Pomfret-Teago FD	4	0	7	5	2	7	9	0	0	0		34
11492	POULTNEY FD	34	0	72	27	7	2	26	0	0	0		168
02495	POWNALE FD	13	0	20	3	2	10	3	0	1	0		52
02813	POWNALE VALLEY FD	9	0	15	2	3	4	5	0	0	0		38
11498	PROCTOR FD											12	
14501	PROCTORSVILLE FD	22	0	70	5	14	2	15	0	0	0		128
13504	PUTNEY FD											12	
09509	RANDOLPH CENTER FD	15	0	32	10	2	7	12	0	0	0		78
09507	RANDOLPH FD	19	0	22	23	12	9	22	0	0	0		107
14510	READING FD	5	0	30	7	5	12	4	0	0	0		63
02513	READSBORO FD											12	
06516	RICHFORD FD	20	0	46	4	7	3	32	0	9	0		121
04519	RICHMOND FD	23	0	60	30	2	14	15	1	0	0		145
01522	RIPTON FD	1	0	15	5	1	14	1	0	0	0		37
14525	ROCHESTER FD	3	0	12	4	1	1	10	1	0	0		32
13528	ROCKINGHAM FD											12	
12531	ROXBURY FD											12	
02537	RUPERT FD	5	0	11	4	16	2	8	0	0	0		46
11540	RUTLAND CITY FD	83	4	156	120	126	106	247	3	1	0		846
11543	RUTLAND TOWN FD	21	1	51	19	36	19	43	1	1	0		192
03544	RYEGATE FD											12	
01561	SALISBURY FD											12	
13567	SAXTONS RIVER FD	2	0	93	2	5	5	3	1	1	0		112
02573	SHAFTSBURY FD	30	1	2	47	1	5	22	0	1	0		109
14576	SHARON FD	4	0	9	4	0	1	3	0	0	0		21

State: VT		Fire	Overpressure Rupture, Explosion, Overheat (No Ensuing Fire)	Rescue and Emergency Medical Service (EMS) Incidents	Hazardous Condition (No Fire)	Service Call	Good Intent Call	False Alarm and False Call	Severe Weather and Natural Disaster	Special Incident Type	UUU N/A	Months of missing reports	Total
FDID	Fire Departments	100	200	300	400	500	600	700	800	900			
03579	SHEFFIELD / WHEELOCK FD											12	
04582	SHELBURNE FD	16	0	53	33	20	16	99	0	1	0		238
06585	SHELDON FD	20	0	31	2	0	0	1	0	0	0		54
11588	SHERBURNE-KILLINGTON FD	3	0	23	3	1	9	35	0	0	0	10	74
01591	SHOREHAM FD											12	
11594	SHREWSBURY FD	16	0	8	9	1	1	2	1	0	0		38
04600	SOUTH BURLINGTON Fire & Rescue	4	9	2,514	288	448	226	385	1	7	0		3,882
07603	SOUTH HERO FD	5	0	100	5	1	30	27	0	0	0	4	168
13590	SOUTH NEWFANE / WILLIAMSVILLE FD											12	
14604	SOUTH ROYALTON FD											12	
14605	SOUTH WOODSTOCK FD											12	
14606	SPRINGFIELD Fire & Rescue	5	1	2,189	61	141	79	92	5	45	0		2,618
04810	ST MICHAELS Fire and Rescue	5	0	32	6	7	43	44	0	0	0		137
06549	ST. ALBANS CITY FD	12	1	54	55	66	27	110	0	0	0		325
06552	ST. ALBANS TOWN FD	21	1	131	30	13	5	52	0	26	0		279
03608	ST. JOHNSBURY FD	59	3	791	74	185	77	151	0	1	0		1,341
02609	STAMFORD FD	9	0	55	4	5	7	6	0	0	0		86
01615	STARKSBORO FD	3	0	5	0	0	0	1	0	0	0	8	9
14618	STOCKBRIDGE FD											12	
08621	STOWE FD	18	2	26	14	9	15	75	0	0	0	4	159
09624	STRAFFORD FD	7	0	34	2	1	4	3	1	0	0	4	52
22490	STRATTON MTN. FD											12	
03636	SUTTON FD											12	
06339	SWANTON FD	42	0	90	19	18	15	23	0	5	0		212
09462	THETFORD FD	22	0	220	22	12	27	15	5	0	0		323
11645	TINMOUTH FD											12	
13652	TOWNSHEND FD											12	
09730	TRI-VILLAGE FD											12	
10654	TROY FD	10	0	14	0	0	2	6	0	0	0		32
09657	TUNBRIDGE FD	9	0	7	1	1	1	1	0	0	0		20
04660	UNDERHILL-JERICO FD	19	1	372	25	20	10	55	12	1	0		515
01663	VERGENNES FD	20	0	69	11	11	13	35	1	2	0		162
Fed	BVT Fire and Emergency Services - Vermont Air National Guard - Reports through DOD												
88888	VERMONT HAZMAT	0	1	2	115	9	0	0	0	2	0		129
13666	VERNON FD											12	
09669	VERSHIRE FD											12	
12675	WAITSFIELD FD	15	0	17	8	6	11	43	0	0	0		100

State: VT		Fire	Overpressure Rupture, Explosion, Overheat (No Ensuing Fire)	Rescue and Emergency Medical Service (EMS) Incidents	Hazardous Condition (No Fire)	Service Call	Good Intent Call	False Alarm and False Call	Severe Weather and Natural Disaster	Special Incident Type	UUU N/A	Months of missing reports	Total
FDID	Fire Departments	100	200	300	400	500	600	700	800	900			
03678	WALDEN FD	16	0	66	4	0	9	4	0	0	0		99
11681	WALLINGFORD FD											12	
13687	WARDSBORO FD											12	
12690	WARREN FD	11	0	14	16	8	19	26	1	2	0		97
09693	WASHINGTON FD	9	0	11	10	1	2	4	0	0	0		37
12698	WATERBURY FD	20	4	49	19	8	40	37	1	0	0		178
03699	WATERFORD FD	15	0	112	8	2	5	5	0	0	0		147
11708	WELLS FD											12	
09711	WELLS RIVER FD	14	0	20	6	1	3	7	0	0	0		51
03713	WEST BURKE FD	12	0	14	1	3	3	13	0	0	0		46
13721	WEST DOVER FD											12	
13722	WEST DUMMERSTON FD	0	0	19	0	0	0	1	0	0	0	9	20
09714	WEST FAIRLEE FD											12	
11723	WEST HAVEN FD	1	0	3	0	0	0	0	0	0	0		4
09725	WEST NEWBURY FD	6	0	7	2	3	7	4	0	0	0		29
11728	WEST PAWLET FD	15	0	5	8	1	8	3	0	0	0		40
11735	WEST RUTLAND FD	12	0	25	9	11	7	12	0	0	0		76
14705	WEST WEATHERSFIELD FD	11	0	94	12	21	18	3	0	0	0		159
14738	WEST WINDSOR FD	16	1	5	7	4	2	26	0	0	0		61
04720	WESTFORD FD	6	0	7	2	1	2	4	0	0	0		22
13726	WESTMINSTER FD	0	1	208	21	77	42	21	21	1	0		392
10670	WESTMORE FD											12	
14732	WESTON FD											12	
01741	WEYBRIDGE FD	5	0	10	1	1	0	4	1	0	0		22
01750	WHITING FD	4	0	17	5	0	3	1	0	0	0		30
13753	WHITINGHAM FD											12	
09756	WILLIAMSTOWN FD	23	0	50	4	2	5	23	3	4	0		114
04759	WILLISTON FIRE AND RESCUE	33	2	1,306	48	101	68	337	1	5	0		1,901
13762	WILMINGTON FD											12	
13765	WINDHAM FD											12	
14768	WINDSOR Fire & Rescue	16	1	1,721	19	106	91	43	1	4	0		2,002
02771	WINHALL FD											12	
04774	WINOOSKI FD	29	1	54	24	42	26	94	0	1	0	2	271
08777	WOLCOTT FD	2	0	2	0	0	2	0	0	0	0	10	6
12780	WOODBURY FD	9	0	74	12	5	7	4	0	0	0		111
14786	WOODSTOCK FD	4	0	8	8	16	20	36	0	3	0	4	95
12789	WORCESTER FD											12	

TOTAL INCIDENTS REPORTED – 2021

	Fire	Overpressure Rupture, Explosion, Overheat (No Ensuing Fire)	Rescue and Emergency Medical Service (EMS) Incidents	Hazardous Condition (No Fire)	Service Call	Good Intent Call	False Alarm and False Call	Severe Weather and Natural Disaster	Special Incident Type	Undetermined incident type	
	100	200	300	400	500	600	700	800	900	UUU	
Totals	2,376	79	28,297	2,952	4,475	4,087	6,605	118	189	0	
Totals										49,278	

ACTIVE Vermont Fire
Departments
(As of March 2022)

231

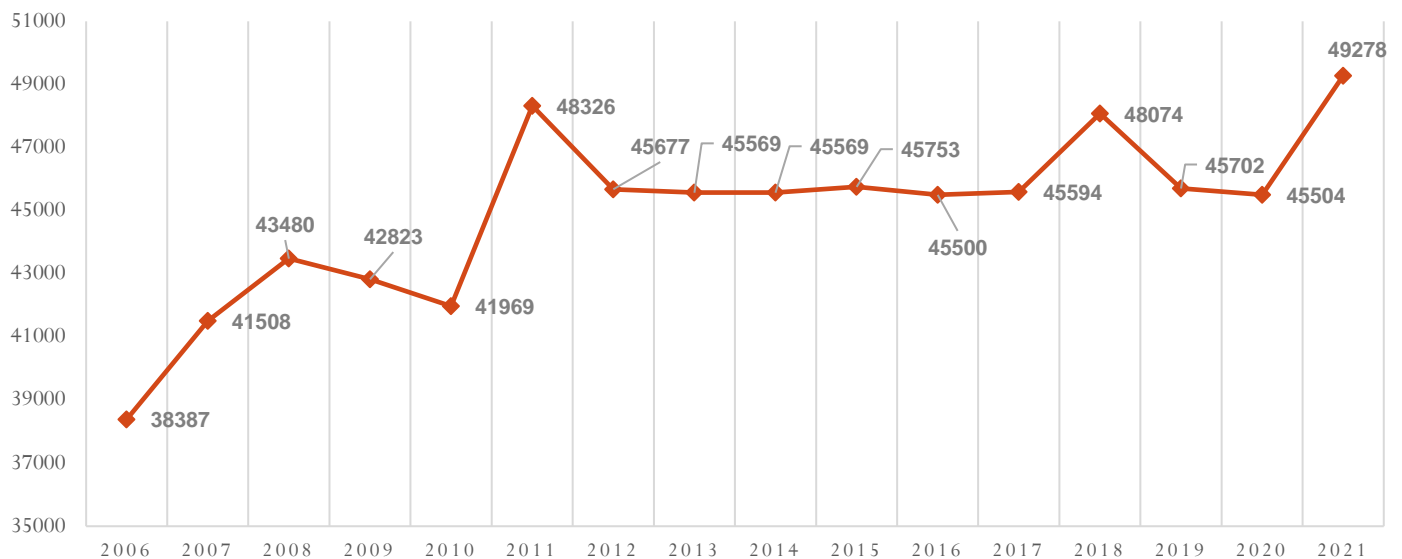
FIRE DEPT.S WITH OUT ANY 2021
REPORTS SUBMITTED
(As of March 1, 2022)

61

VERMONT FIRE DEPT.S
SUBMITTED REPORTS

73.5%

STATEWIDE INCIDENTS REPORTED BY YEAR



Important Contact Information

Division Central Office:

45 State Drive
Waterbury, VT 05671
Phone: (800) 640-2106, or 802-479-7561
Fax: (802) 479-7562

Vermont Fire Academy

93 Davison Drive
Pittsford, VT 05763
Phone: 800-615-3473 or 802-483-2755
Fax: 802-483-2464



Barre Regional Office

45 State Drive
Waterbury, VT 05671
Phone: (888) 870-7888, or 802-479-4434
Fax: 479-4446

Rutland Regional Office

56 Howe Street Building A, Suite 200
Rutland, VT 05701-3449
Phone: (888) 370-4834, or 802-786-5867
Fax: (802) 786-5872



Springfield Regional Office

100 Mineral Street, Suite 307
Springfield, VT 05156-3168
Phone: (866) 404-8883, or 802-885-8883
Fax: (802) 885-8885

Williston Regional Office

3380 Hurricane Lane, Suite 101
Williston, VT 05495
Phone: (800) 366-8325, or 802-879-2300
Fax: (802) 879-2312

FOR GENERAL CODE QUESTIONS CONTACT THE REGIONAL OFFICE FOR YOUR AREA

**To request DFS special operations response or other assistance after hours
contact the VT Emergency Management Watch Officer at**

1-800-347-0488 (24hrs)



Vermont Haz-Mat Hotline - 1-800-641-5005 (24hrs)

DFS PUBLIC FIRE EDUCATION - To schedule the VT Fire Safety House trailers or to acquire other fire safety education resources or assistance contact the Public Fire Safety Education section at **(802)-479-7587** or fill out an on-line request form



To report a developing emergency disaster or an unusual event that requires additional assistance or resources. Call the Vermont State Emergency Operations Center. Duty Watch Officer Contact number: 800-347-0488

**To contact a fire investigator please call your nearest
State Police barracks (24 hrs)**



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Vermont Department of Public Safety

DIVISION OF FIRE SAFETY

Central Office
45 State Drive
Waterbury VT 05671
Firesafety.vermont.gov



Make Everyday a Fire Safe Day